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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/563,366	03/20/2006	Yukio Kadomoto	2005_1954A	4110
513	7590	12/30/2008		
WENDEROTH, LIND & PONACK, L.L.P.			EXAMINER	
2033 K STREET N. W.			HARCOURT, BRAD	
SUITE 800			ART UNIT	PAPER NUMBER
WASHINGTON, DC 20006-1021			3676	
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		12/30/2008	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/563,366	KADOMOTO ET AL.
	<b>Examiner</b> Brad Harcourt	Art Unit 3676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 24 September 2008.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 3-6 is/are pending in the application.
  - 4a) Of the above claim(s)       is/are withdrawn from consideration.
- 5) Claim(s)       is/are allowed.
- 6) Claim(s) 3-6 is/are rejected.
- 7) Claim(s)       is/are objected to.
- 8) Claim(s)       are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on       is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No.      .
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date
- 5) Notice of Informal Patent Application
- 6) Other:

#### **DETAILED ACTION**

##### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Pickard (US Patent No. 3,120,282) in view of Miller (US Patent No. 1,499,024).

Pickard discloses a wireline core bit comprising water swivel 20; drill rod 10; core barrel 37; inner tube 30; overshot assembly 125 that "is hydraulically propelled towards the core barrel inner tube assembly which is to be withdrawn" (col. 10, lines 49-50); drill chuck 17 to grab and rotate the drill string. Water swivel 20 has ports to receive fluid from tubular 22 and to provide fluid to tubular 21.

In reference to claim 4, Pickard discloses mechanism 122 to withdraw inner tube 30 from said drill rod.

Pickard discloses all of the limitations of the above claims with the exception of upper and lower water supply ports that allow pressurized fluid into the water swivel assembly. Miller discloses a water swivel assembly (Fig. 2) having two ports 36 and 39. Port 39 is disclosed as only to be an outlet for wastewater. However, the claim calls for the device to be adapted to allow pressurized fluid into the water swivel, and the device disclosed by Miller is inherently capable of doing that. It would have been obvious to a person having ordinary skill in the art at the time of the invention to include two water

inlets on the apparatus of Pickard in view of Miller to provide a redundant means to supply water to the assembly.

In reference to claim 5, the input ports 36 and 39 disclosed by Miller are disposed in the sidewall (Fig. 2).

In reference to claim 6, the water input ports 36 and 39 are perpendicular to the longitudinal axis of the assembly.

***Response to Arguments***

Applicant's arguments with respect to claims 3-6 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brad Harcourt whose telephone number is (571)272-7303. The examiner can normally be reached on Monday through Friday from 8:30 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jennifer Gay can be reached on 571-272-7029. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Shane Bomar/  
Primary Examiner, Art Unit 3676

BH  
12/22/08